

## ABSTRACT

A drum type washing and drying machine includes a rotary drum, a water tub including therein the rotary drum, a water supply member for supplying cooling water into the water tub, a heater for heating air, a blower for blowing the heated air into the water tub to evaporate moisture from laundry articles in the water tub and a dehumidification means for cooling and dehumidifying air containing the evaporated moisture by the cooling water. The dehumidification means is provided in a space between the water tub and the rotary drum.